
From: Lisa Meoli <Lisa.Meoli@floydsnider.com>
Sent: Thursday, April 26, 2018 9:49 AM
To: Sanga, Ravi
Cc: 'Michael "Mike" Marsh (michael.marsh@vigorindustrial.com)'; 'Gordon Erickson'; John Rosevear; Stephen Bentsen; Tom Colligan
Subject: Vigor Shipyard Harbor Island: First Quarter 2018 Progress Report
Attachments: Figure 1 Estimated Extent of LNAPL Based on LNAPL Thickness Measurements 1st Quarter 2018.pdf

Hello Ravi,

Per our verbal approval from the U.S. Environmental Protection Agency on March 13, 2018, Vigor Shipyards (Vigor) is submitting the first quarter 2018 progress report in email format. This progress report is submitted on behalf of Vigor in accordance with the reporting requirements established in Appendix H of the Final (100%) Design Report for Design Set 1A. The period covered in this progress report is from January 1 to March 31, 2018.

Current Status of West Shed

During the first quarter 2018, no light non-aqueous phase liquid (LNAPL) was recovered from the West Shed. FW-17 and FW-19 groundwater pumps and skimmers are shut off to allow for LNAPL re-accumulation. FW-18 is currently operating in passive skimming mode only and will be continue to be monitored for LNAPL re-accumulation during the second quarter 2018.

Activities Completed During First Quarter 2018 (January-March)

- The passive skimmer in FW-18 was monitored for re-accumulation of LNAPL. No LNAPL was recovered during the quarter. Due to the ineffectiveness of the passive skimmer, it will be removed and replaced with a 4-inch GeoSorb absorbent sock contained within a stainless steel screen assembly. The GeoSorb will be installed during the second quarter.
- FW-17 and FW-19 were monitored for LNAPL re-accumulation. No LNAPL re-accumulated or was recovered from these wells.
- Quarterly LNAPL thickness measurements were collected on March 29, 2018. LNAPL was only measureable in FW-19 at a thickness of 0.25 feet. LNAPL thickness contours are shown in the attached Figure 1.

Activities to be Completed During Second Quarter 2018 (April-June)

- The GeoSorb absorbent sock will be installed in FW-18. The absorbent sock will be monitored on a bi-weekly basis and replaced as needed.
- The West Shed and East Shed wells will continue to be monitored for LNAPL re-accumulation.

Please contact either myself or Stephen Bentsen should you have any questions or concerns.

Thanks, Lisa

Lisa Meoli

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